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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/521,849      | 01/21/2005  | Tobias Georg Tolle   | DE 020184           | 6182             |

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
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BRIARCLIFF MANOR, NY 10510

EXAMINER

BAISA, JOSELITO SASIS

ART UNIT PAPER NUMBER

2832

DATE MAILED: 03/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

✓ 4 3/4

|                              |                                      |                                     |  |
|------------------------------|--------------------------------------|-------------------------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/521,849 | <b>Applicant(s)</b><br>TOLLE ET AL. |  |
|                              | <b>Examiner</b><br>Joselito Baisa    | <b>Art Unit</b><br>2832             |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6, 15 and 16 is/are rejected.
- 7) ☒ Claim(s) 7-14 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 January 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>11/28/05</u> . | 6) <input type="checkbox"/> Other: ____.  |

## **DETAILED ACTION**

### ***Claim Objections***

Claims 7-14 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claims 7-14 depends on multiple claim 6. See MPEP § 608.01(n). Accordingly, the claims 7-14 have not been further treated on the merits.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 15 and 16 are rejected under 35 U.S.C. 102(b) as being anticipated by Murata et al. [6076251].

Regarding claim 15 and 16, Murata et al. disclose an electrically conductive plate [1] having an inductive function, the inductive function corresponding to a structure of spiral-shaped slits [12] formed in the plate [Col. 3, Lines 31-35, Figure 3].

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2832

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1 and 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murata et al. [6076251] in view of Tanigawa et al. [5621636].

Regarding claim 1, Murata et al. disclose a conductive plate [1] having an inductive function, which inductive function corresponds to a structure of slits [12] formed in the plate except for a circuit arrangement in the device [Col. 3, Lines 31-35, Figure3].

Tanigawa et al. disclose a device with a circuit arrangement that includes an inductor [Col. 3, Lines 1-9, Figure 2].

It would have been obvious to one having ordinary skill in the art at the time of the invention to use the conductive plate of Murata that has an inductive function to the structure of Tanigawa et al.

The motivation would have been to save on space for the structure [Col.1, Lines 38-40].

Regarding claim 2, Murata et al. disclose that the structure of slits [12] is formed by one or more spiral-shaped slits [Col. 3, Lines 31-35, Figure 3].

Claim 3 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murata et al. [6076251] in view of Tanigawa et al. [5621636] as applied to claim 1 above, and further in view of Pilniak [EP 0522475A1].

Regarding claim 3, Murata et al. disclose the instant claimed invention discussed above and further disclose that the spiral-shaped slits are provided with a respective contact points [2a] and [2b] in their central region except for the contact point on the periphery of a spiral-shaped slit [Col. 3, Lines 42-45, Figure 4].

Pilniak disclose a contact point [4.11] on the periphery of a spiral-shaped slit [Figure 5a].

It would have been obvious to one having ordinary skill in the art at the time of the invention to have a contact point on the periphery of the spiral-shaped slit taught by Pilniak to the structure of Murata et al.

The motivation would have been for convenient connection to other components.

Regarding claims 4 and 5, Murata et al. disclose the instant claimed invention discussed above except for the printed circuit board which supports the circuit arrangement and is electrically coupled to the electrically conductive plate by way of the contact points.

Tanigawa et al. disclose a printed circuit board 2, which supports the circuit arrangement and is electrically coupled to and supports the electrically conductive plate disclosed by Murata et al. by way of contact points also disclosed by Murata et al. and further disclosed by Pilniak.

It would have been obvious to one having ordinary skill in the art at the time of the invention to use a printed circuit board to hold the circuit arrangement taught by Tanigawa et al. with the conductive plate of Murata et al.


The motivation would have been to provide a small size device with less magnetic flux leakage [Col. 2, Lines 58-60].

Regarding claim 6, Murata et al. disclose an electrically conductive plate [1] that has the function of a plurality of coils [2], the number of which corresponds to the number of spiral-shaped slits [12] [Col. 3, Lines 30-35, Figure 3].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joselito Baisa whose telephone number is (571) 272-7132. The examiner can normally be reached on M-F 5:30 am to 2:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin Enad can be reached on (571) 272-1990. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
LINCOLN DONOVAN  
PRIMARY EXAMINER  
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Joselito Baisa  
Examiner  
Art Unit 2832

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